

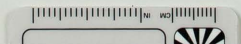
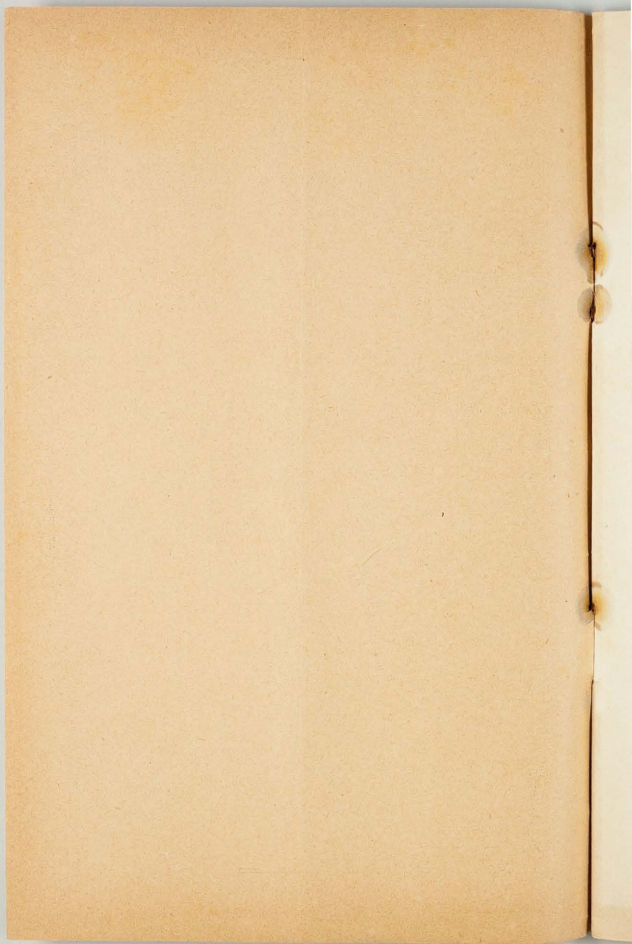
AIM Ann Report
1912 to 1913

ANNUAL REPORT
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
FOR
1912-1913.

ADOPTED AT THE ANNUAL MEETING
HELD FEBRUARY 24TH, 1913.

AUCKLAND:
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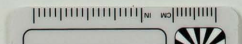
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OFFICERS
OF THE
AUCKLAND INSTITUTE.

President:

C. J. PARR, Esq., MAYOR OF AUCKLAND.

Vice-Presidents:

PROF. H. W. SEGAR, M.A.

J. H. UPTON, Esq.

Council:

BROWN, PROF. F. D., M.A.

PETRIE, D., M.A.

EGERTON, PROF. C. W., M.A.

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PEACOCK, T.

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Secretary and Curator:

T. F. CHEESEMAN, F.L.S., F.Z.S.

Assistant and Preparator of Specimens:

L. T. GRIFFIN, F.Z.S.

Auditor:

S. GRAY.

The following
Periodicals and Publications
of Societies

are subscribed to by the Institute :

NATURE.
THE PHILOSOPHICAL MAGAZINE.
THE AMERICAN JOURNAL OF SCIENCE.
AMERICAN CHEMICAL JOURNAL.
THE ELECTRICIAN.
THE PHYSICAL REVIEW.
ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE.
ANNALEN DER PHYSIK.
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES.
ANNALS AND MAGAZINE OF NATURAL HISTORY.
QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE.
ANNALS OF BOTANY.
THE BOTANICAL GAZETTE.
ENGLER'S BOTANICAL YEAR BOOK.
THE GARDENER'S CHRONICLE.
JOURNAL OF AGRICULTURAL SCIENCE.
THE GEOLOGICAL MAGAZINE.
ZEITSCHRIFT DER DEUTSCHEN GEOLOGISCHEN GESELLSCHAFT.
SCIENCE PROGRESS.
THE ECONOMIC JOURNAL.
THE LANCET.
MIND.

TRANSACTIONS AND PROCEEDINGS OF THE ROYAL SOCIETY.
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL SOCIETY.
THE ZOOLOGICAL RECORD.
PUBLICATIONS OF THE RAY SOCIETY.
JOURNAL OF THE CHEMICAL SOCIETY.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY.
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.
JOURNAL OF THE ROYAL AGRICULTURAL SOCIETY.
THE GEOGRAPHICAL JOURNAL.
REPORT OF THE BRITISH ASSOCIATION.

Report of the Council.

At the expiry of another year, and in compliance with the Rules of the Society, the Council have to present to the members their Forty-fifth Annual Report, dealing with the financial and general condition of the Institute, and the progress which it has made during the year.

MEMBERS.—In several previous reports the Council have drawn attention to the fact that the Members' Roll was by no means so large as should be the case in a city the size and importance of Auckland. Early in the season an attempt was made to rectify this, and mainly through the exertions of the Hon. E. Mitchellson and Mr. H. E. Vaile, a large accession of members has been obtained, the elections numbering no less than 162. On the other hand, 11 names have been withdrawn from the roll, six of them from death. There is thus a net increase of 151, the total membership at the present time amounting to 386. Such an increase must be looked upon as most gratifying; and if the present members will only exercise their influence among the citizens generally, there is really no reason why the number should not receive still further additions.

Among the members removed by death are several who have been associated with the Institute for long periods, and who have been active and zealous promoters of its objects. In Sir John Logan Campbell the Institute loses a member who joined it soon after its foundation, who for several years served as one of its Council, and who during the whole of his membership was one of its most liberal and consistent supporters. The Institute is proud to have numbered among its members one who assisted in the foundation of this city and the establishment of its institutions, who during his lifetime contributed an unexampled series of varied and far-reaching benefactions, and who at his death has provided for so many large and important bequests. Members of the Institute are aware that among these bequests is one of £1,000 in favour of the Institute. It is understood that this will shortly be received; and it will then be the duty of the Council to apply it to purposes which will worthily commemorate the name of the donor.

Two other names deserve special mention: that of Mr. John Webster, whose membership dates back for very many years, during which he frequently made important presentations to the

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Museum; and Major W. G. Mair, who always took great interest in the progress of the Society, contributing several papers to the Transactions, and who assisted his brother, Captain Gilbert Mair, in forming the valuable and extensive series of Maori articles which now form the basis of our Maori Collection.

FINANCE.—The balance-sheets accompanying this report will give full information to those who desire to become acquainted with the financial position of the Institute; but it may be useful to give a brief synopsis here. The total revenue credited to the Working Account, excluding the balance in hand at the commencement of the year, has been £1,353 13s 2d. Last year the receipts were £1,273 5s 10d, so that there has been a total increase of £80 7s 4d. If the separate items be compared, it will be found that the invested funds of the Costley Bequest have yielded £350 2s 8d, as against £392 7s 6d for the previous year. The Museum Endowment has contributed £511 10s 6d, last year's amount being £527 12s 3d. The large addition made to the members' roll has, of course, affected the amount received from members' subscriptions, which has increased to £358 1s from £208 19s, which was the sum credited last year. The total expenditure has been larger than usual, amounting to £1,465 5s 10d, as against £1,197 14s 1d for 1911-1912. The increase is principally due to three items—the cost of certain repairs, etc., to the Museum Buildings and the construction of some show-cases required in the Museum; an enlarged expenditure over the Museum itself, both in the purchase of additions and the necessary expense of their installation; and finally, a more than usually large expenditure over the library, due to the cost of three consignments of books coming within the financial year, instead of two, as is usual. The balance in hand at the present time amounts to £108 1s.

In last year's Report particulars were given of the special subscription fund, amounting to £681, which had been contributed by the citizens of Auckland for the purchase of ancient Maori carvings and other additions to the Museum, but which had been only partially expended at the time of the last annual meeting. Since then the balance of the fund has been applied to the purposes for which it was raised, as will be described in another portion of the Report.

The capital funds of the Institute have been increased by £132 10s during the year, the total amount now standing at £16,511 14s 3d. The mode of investment of this sum has received considerable attention, and advantage has been taken of the maturity of certain Government debentures to call in the amounts and re-invest them

on mortgage on specially selected freehold securities. It is expected that the change will produce an acceptable increase in the revenue of the Institute.

Early in the year the Council applied to the Government with the object of obtaining a Parliamentary grant equivalent to the amount (£681) of the fund raised by the citizens of Auckland for the benefit of the Museum. After considerable negotiation, a vote of £250 was promised, and has been duly approved by Parliament. It is expected that the money will be paid in a few weeks. It is a matter for regret that the amount is so much smaller than that contributed by the citizens; but possibly the wave of financial stringency now passing through the Dominion is responsible for the reduction.

MEETINGS.—Eight meetings have been held during the year, at which the following lectures and papers were read and discussed:—

1. Presidential Address: The Dwindling Sovereign.—By PROF. H. W. SEGAR, M.A.
2. A Gentleman of Athens.—By PROF. H. W. DETTMANN, M.A., B.C.L.
3. The Methods and Aims of Science.—By E. V. MILLER.
4. Coal, its Products and their Application to the Needs of Modern Life.—By H. H. MORGAN, B.Sc., A.R.C.S.
5. The Child and the Race.—By H. G. COUSINS, M.A.
6. The Manu-aute, or Maori Kite.—By ARCHDEACON P. WALSH.
7. The Problem of Tuberculosis.—By E. H. B. MILSOM, M.R.C.S., M.D.
8. The Upper Congo: Its Country and People.—By J. STEELE.
9. On the Motion of Cirrus Clouds.—By H. B. DEVEREUX, F.R.M.S.
10. Concerning Certain Ancient Maori Stone Implements found at Tauranga.—By C. A. SEMADENI.
11. The Avifauna of the Kermadec Islands.—By T. IREDALE.
12. Further Notes on the Birds of the Kermadec Islands.—By W. R. B. OLIVER.
13. Descriptions of New Species and Varieties of Native Phanerogams.—By D. PETRIE, Ph.D.
14. Note on the Pollination of *Rhabdothermus*.—By D. PETRIE, Ph.D.
15. On Some Additions to the Flora of Mangonui County.—By H. CARSE.

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16. New Species of Plants.—By T. F. CHEESEMAM, F.L.S., F.Z.S.
17. New Genera and Species of Coleoptera.—By MAJOR T. BROUN, F.E.S.
18. Anatomy of some New Zealand Representatives of the Order Araliaceae.—By MISS C. L. BEAUMONT, communicated by PROF. A. P. THOMAS.

A selection from the above has been forwarded to Wellington for insertion in the coming volume of Transactions.

MUSEUM.—The number of visitors to the Museum has largely increased during the year. The register kept by the attendant on Sundays shows that 23,790 people entered the building on that day, being an average of 456 for each Sunday. The greatest attendance was 812 on September 8, and the smallest 209 on May 12. On the seven chief holidays of the year the total number of visitors was 4,835, being an average of 681 for each day. On the King's Birthday (June 3) was the greatest attendance of the year, numbering 1,493. On ordinary week days the visitors can only be occasionally counted, but the daily average is believed to be not less than 200, which would make a total of 61,600. Adding to this number that already given for Sundays and holidays, we have 90,225 as the total number of visitors for the year. This shows an increase of 11,136 on the figures given for the previous year. It is worth remarking that the attendance is now rather more than double what it was ten years ago.

The progress made in the Museum during the past year has been satisfactory. Several collecting trips have been made, and through the kindness of the Marine Department, Mr. Griffin was twice carried free on the periodical trips of the "Hinemoa" around the North Island, thus receiving many opportunities for collecting fishes and other marine animals. Specimens received from other sources have also been dealt with during the year. Altogether it can be roughly stated that Mr. Griffin has mounted or skinned 8 mammals, mounted or prepared as skins about 25 birds, mounted and coloured 34 fishes, prepared 14 skins of fishes, and mounted several reptiles and crustacea. In addition to the above, numerous alcoholic specimens have been put on exhibition, several casts of various objects in plaster or gelatine have been made, while many ethnographical specimens have been mounted for exhibition.

The most interesting addition to the Zoological portion of the collections is a special group illustrating the life history of the common shag or cormorant (*Phalacrocorax varius*), in which an attempt has been made to show a small colony of the bird in its

usual breeding habitat of the upper branches of the pohutukawa tree, the nests, eggs, young, and several examples of both sexes in the adult stage being shown. The painted background has been prepared by the well-known artist, Mr. Kenneth Watkins. It is hoped that this group will be followed by others showing the mode of life and natural surrounding of several New Zealand birds to which special interest attaches. Mention may also be made of a series of birds from Norfolk Island, obtained from Mr. Quintal; a fine cassowary, presented by Mr. Vivian; several animals from the Onehunga Zoo, from the owner, Mr. Boyd; and a valuable collection of New Zealand and English birds' eggs, presented by Mr. H. C. Clark.

A considerable number of small additions have been received in the geological and mineralogical department, as will be seen from the lists appended to this Report. Several of these are of considerable interest; but at the present time it is impossible to find case-room in which to exhibit them to the public.

The Council have pleasure in drawing attention to several noteworthy additions to the Maori collections, most of them purchased from the special subscriptions provided by the citizens of Auckland at the beginning of the year. Chief among them is a small collection purchased from Mrs. Palmer, consisting of a remarkably fine carved wooden flute; an unusually large and fine Hei-tiki, with its original cord and toggle; a fish-hook with superbly carved haft; and an old bone mere of the type known as Kotiate. All these are known to have been taken to England about the year 1795, and are excellent specimens of the best period of Maori workmanship. From Mr. Spencer the Museum has acquired what is probably the finest known Greenstone Matau; a Greenstone Manaia; a peculiar Pekapeka; several remarkably good greenstone ear-pendants and other ornaments in greenstone; a very peculiar carved box intended to receive the skull of a chief; and a remarkably fine carved coffin of an entirely different type to those already in the Museum. Through the kind offices of the Rev. F. W. Clarke, of Te Awamutu, Mr. Berry, of the Upper Waipa, has presented the figure-head and stern-post of the celebrated war-canoe Te Atairehia, which was owned by the first Maori King Potatou, and was used by him while residing at Ngaruawahia, before the Waikato War. Mr. G. Graham, so well known from his previous donations

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to the Museum, has contributed several further additions during the year. Noteworthy presentations have also been made by Mr. H. B. Devereux, Mr. S. L. Clark, Mr. B. Roberts, and Mr. W. Wintle. The chief addition of importance in foreign ethnography is a series of Australian weapons, implements, etc., purchased from Mr. Clement Wragge.

The Council are glad to state that Mr. Arthur Eady has deposited in the Museum for a considerable time his fine collection of Maori articles, containing 61 specimens in all. These are all well-selected and characteristic examples of Maori art, including carvings, weapons, ornaments, tools, etc., and cannot fail to be useful for comparison with the specimens belonging to the Museum.

It will be in the recollection of most members that it was decided that a portion of the funds subscribed by the citizens at the beginning of the year should be devoted to the purchase of a full-sized Moa skeleton, and in preparing a restoration of the Moa. Since then a fine model of the skeleton of *Dinornis maximus*, one of the largest of the Moas, has been obtained from the well-known dealer Mr. Damon, and Mr. Griffin is now engaged in preparing the restoration. It has been decided that the skeleton and the restoration shall be accompanied by an Ostrich and its skeleton, by an adult and a young Emu, and by two Cassowaries. The entire group will be enclosed in a plate-glass show-case, and should give an excellent idea of the size and appearance of the Moa, and its differences from its nearest living allies. It will be several months, however, before the group will be ready to place in the Museum.

LIBRARY.—The maintenance of the library of the Institute is borne partly by a grant of varying amount from the general funds of the Institute, and partly by the interest derived from the invested funds of the Mackenzie Library Bequest. The amount expended this year is rather larger than usual, amounting to £236 2s 9d. Two consignments of books, containing slightly over 100 volumes, have been received, and a third, numbering 56 volumes, is due to arrive within a fortnight. A full list of all the consignments will be found appended to the Report. In addition to the purchase of books, a large expenditure has been incurred in binding scientific periodicals, the publications of Societies, etc., nearly 100 volumes having been added to the Library from that source alone. The magazines and serial publications subscribed to by the Institute (a list of which is given elsewhere in the Report) have been regularly received and made available for the use of members.

The Council have pleasure in drawing special attention to two very extensive and acceptable presentations of scientific and geographical works made by Mr. Henry Shaw, who has been a frequent contributor to the Library during past years, and by his brother, Mr. F. Shaw. Counting in certain volumes received earlier in the year, these presentations include no less than 170 volumes, many of them being standard editions of well-known works. They will form an addition of considerable importance to the Library of the Institute, and will help to render it much more useful and complete. Mention should also be made of a complete set of Science Abstracts presented by Professor Brown. For other donations to our Library, reference should be made to the lists contained in the appendix to the Report.

In conclusion, the Council have to congratulate the members on an active and successful year, marked by many evidences of progress and sustained work. At the same time, they would point out that every addition of importance that is made to the Museum, and every consignment of books that is placed in the Library, bring into fuller prominence the many drawbacks which will impede the future development of both the Museum and Library unless an enlargement of no small size can be provided for at an early date.



The Treasurer in Account with the Auckland Institute and Museum Trust Board.

WORKING ACCOUNT.

February 21, 1912, to February 19, 1913.

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February 21, 1912	219	13	8	Books, Periodicals, Binding, and other Expenditure on Library	236	2	9
Annual Subscriptions	358	1	0	Additions to Museum	61	8	10
Life Subscriptions	10	10	0	Museum Requisites	70	19	3
Interest on Costley Bequest	350	2	8	Salaries	707	4	11
Rents and Interest transferred from Museum Endowment Account	511	10	6	Printing, Advertising, Insurance, Gas, Stationery, Postages, Annual Cleaning, Expenses of Meetings	177	9	1
Interest transferred from Mackechnie Library Bequest Account	106	0	0	Museum Show-cases and Fittings, Repairs to Buildings, New Conveniences	158	2	8
Interest from Nathan Bequest	5	0	0	Life Subscription transferred to Life Subscription Account	10	10	0
Interest from Life Subscription Account	8	0	0	Land Tax	37	17	6
Miscellaneous Receipts	4	9	0	Miscellaneous Payments	5	10	10
				Balance in Bank of New Zealand, February 19, 1913	108	1	0
	£1,573	6	10		£1,573	6	10

T. F. CHEESEMAM, Treasurer.

I have examined the Books and Vouchers. My requirements as auditor have been complied with, and I hereby certify the above to be a correct statement of the Working Expenses to February 20, 1913.

S. GRAY, F.R.A., Auditor.

The Treasurer in Account with the Auckland Institute and Museum Trust Board.

MUSEUM ENDOWMENT ACCOUNT.

February 21, 1912, to February 19, 1913.

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February 21, 1912	7	18	5	Transferred to Investment Account	122	0	0
Endowments Sold	122	0	0	Transferred to Working Account	511	10	6
Rents of Endowments	186	13	3	Bank Charges	0	10	0
Interest on Investments	320	13	0	Balance in Bank of New Zealand, February 19, 1913	3	4	2
	£637	4	8		£637	4	8

MACKECHNIE LIBRARY BEQUEST ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February 21, 1912	4	15	0	Transferred to Working Account for the Purchase of Books	106	0	0
Interest on Investments... ..	106	0	0	Bank Charges	0	10	0
	£110	15	0	Balance in Bank of New Zealand, February 19, 1913	4	5	0
					£110	15	0

SPECIAL SUBSCRIPTION FUND.

(Raised for the purpose of purchasing Ancient Historic Maori Carvings and other objects for the Auckland Museum.)

	£	s.	d.		£	s.	d.
Donations paid last year	652	15	0	Payments made for Maori Carvings, etc., up to February 21, 1912	425	0	0
Donations received during the present year	31	11	0	Payments made for Maori Carvings, Moa Group, etc., from February 21, 1912, to February 19, 1913	226	17	3
				Balance unexpended, February 19, 1913	32	8	9
	£684	6	0		£684	6	0

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Investments of the Auckland Institute.

	£	s.	d.	£	s.	d.
I.—COSTLEY BEQUEST—						
On Mortgage at 5½ per cent. £4,000, less insurance claim to be adjusted	3,500	0	0			
On Mortgage at 6 per cent.	500	0	0			
On Mortgage at 6 per cent.	1,450	0	0			
On Mortgage at 6 per cent.	850	0	0			
On Mortgage at 6 per cent.	750	0	0			
On Mortgage at 5 per cent.	650	0	0			
				7,700	0	0
Invested in Site of Museum	2,500	0	0			
Expended in Erection of Maori Hall	1,500	0	0			
Expended in Show-cases and Fittings	450	0	0			
				4,450	0	0
Total of Costley Bequest				12,150	0	0
II.—MUSEUM ENDOWMENT—						
On Mortgage at 5½ per cent.	1,300	0	0			
On Mortgage at 5½ per cent.	1,200	0	0			
Dunedin Corporation 4½ per cent. Debentures	1,000	0	0			
On Mortgage at 5 per cent.	750	0	0			
Auckland Gas Co.'s Debentures	600	0	0			
On Mortgage at 6 per cent.	500	0	0			
On Mortgage at 6 per cent.	400	0	0			
On Mortgage at 6 per cent.	350	0	0			
Lodged at Call with Auckland Gas Co.	250	0	0			
On Mortgage at 6 per cent. (part of Mortgage for £450)	135	0	0			
Total	6,485	0	0			
Less advance from Working Account	0	15	9			
				6,484	4	3
III.—MACKECHNIE LIBRARY BEQUEST—						
Auckland Harbour Board 4½ per cent. Debentures	1,000	0	0			
On Mortgage at 5 per cent.	1,000	0	0			
				2,000	0	0
IV.—NATHAN BEQUEST—						
On Mortgage at 6 per cent. (part of Mortgage for £450)				100	0	0
V.—LIFE SUBSCRIPTION ACCOUNT—						
On Mortgage at 6 per cent. (part of Mortgage for £450)	215	0	0			
On Deposit in Auckland Savings Bank	12	10	0			
				227	10	0
Total				£20,961	14	3
Proportion Bearing Interest				£16,511	14	3

T. F. CHEESEMAN, Treasurer.

I have examined the Deeds of the Securities and the Bank Certificate of Debentures, and certify them to be in order.

S. GRAY, F.R.A., Auditor.

Form of Bequest.

*I give and bequeath to the Institution known
as the Auckland Institute and Museum the sum
of £ free of succession or estate
duty, to be applicable for the general purposes
of such Institution. And I declare that the
receipt of the Treasurer or the proper officer
for the time being of such Institution shall be
a sufficient discharge for the same.*

List of Benefactions
made to the
Auckland Institute and Museum
of an amount (or value)
exceeding £50.

1876.

£2,026 subscribed by the citizens of Auckland towards meeting the cost of the first portion of the present Museum Buildings. (This sum includes two donations of £500 each from Mr. Justice Gillies and the Hon. T. Williamson.)

1876

Presentation made by Mr. R. C. Barstow of a large and varied collection of Maori articles, including flax and dog-skin cloaks, carvings, greenstone ornaments, bone and stone meres, fish-hooks, etc., etc.

1877.

Bequest from Mr. G. F. Edmonston of 564 volumes of standard works on Physical and Natural Science.

1878.

Donation from Mr. T. Russell, C.M.G., of 34 plaster-casts and busts from the antique.

1878.

£106 donated by Mr. J. C. Firth to cover the expense of show-cases in the Museum.

1879-1883.

Mr. J. T. Mackelvie presented 260 volumes of books relating to the early history of New Zealand; 130 volumes of miscellaneous scientific works; a collection of ethnographical specimens from the Swiss Lake Dwellings; and 40 picked mineral specimens.

1884.

Bequest from Mr. Edward Costley of £12,150.

1887.

Bequest from Mr. David Nathan of £100.

1887.

Bequest of Maori articles from Mr. C. O. Davis, comprising dog-skin and feather mats; taiahas, paddles, spears; bone and wooden meres; carved boxes; and a variety of other articles.

1897-1898.

Donation of £100 from Mr. T. Russell, to cover the expense of forming a collection of Geological Specimens from the Cape Colville Peninsula.

1901.

Japanese Shinto Shrine, elaborately lacquered and decorated, presented by Mr. L. D. Nathan.

1901-1902.

£1,000 subscribed by the citizens of Auckland for the purchase of the Mair Collection of Maori Ethnographical Articles.

1902-1903.

Bequest of £2,500 from Mr. E. A. Mackechnie. (£2,000 to be invested in order to produce an income for the purchase of books for the Library of the Institute; £500 to be expended in providing groups of the larger mammals and the necessary show-cases.)

1906-1907.

£662 subscribed by the citizens of Auckland for the purchase of Mr. Fenton's elaborately carved Pataka; and for the purchase and erection of the Runanga House Rangitahi.

1911-1912.

£682 subscribed by the citizens of Auckland for the purchase of ancient historic Maori Carvings; and for other additions to the Museum.

1913.

Bequest of £1,000 from Sir John Logan Campbell.

1913.

Donation from Mr. Henry Shaw of 62 volumes of Geographical and Scientific works, and of 110 volumes from Mr. F. Shaw.



Additions and Donations TO THE Library and Museum.

- Parliamentary Papers and Reports; New Zealand Hansard for 1912; Annual Report and other Publications of the Department of Agriculture; various Statistical Publications; Marshall's Geology of New Zealand; New Zealand Official Year Book;—The New Zealand Government.
- Transactions of the New Zealand Institute, Vol. 44:—The Institute.
- Journal of the Polynesian Society, parts of Vol. 20:—The Society.
- Records of the Canterbury Museum, part 4:—The Museum.
- Report of the Dominion Laboratory for 1912:—The Laboratory.
- Bulletins of the Geological Survey of New Zealand, new series, Nos. 13 and 14:—The Survey.
- Journal of the Linnean Society of New South Wales, parts of Vol. 37:—The Society.
- Annual Report of the New South Wales Fishery Board; Report on the Fishes obtained by the "Endeavour," parts 2 and 3:—The Fisheries Department.
- Records of the Australian Museum, parts of Vols. 8 and 9:—The Museum.
- The Australian Naturalist for 1911-1912:—The Editor.
- Proceedings of the Royal Society of Victoria, parts of Vols. 24 and 25.
- Bulletins of the Commonwealth Bureau of Meteorology; Monthly Weather Reports; Rain Map of Australia for 1911; Rain Observations in Victoria, 1840-1910:—The Bureau.
- Transactions of the Royal Society of South Australia, Vols. 34 and 35:—The Society.
- Proceedings of the Royal Society of Queensland, Vol. 23:—The Society.
- Memoirs of the Queensland Museum, Vol. 1:—The Museum.
- Webster's Curlew Bug; Hyslop's False Wireworms of the Pacific North-west; Hyslop's Legume Pod Moth; Chittenden's Broad-bean Weevil; Zimmer's Grape Scale; Quaintance's Peach-bud Mite; Pierce's Insect Enemies of the Cotton Boll Weevil; Chittenden's Cutworm; Johnston's Remedies for the Colorado Beetle; Webster's Preliminary Report on the Alfalfa Weevil; Hammar's Life History of the Codlin Moth in Michigan; Palmer's American Game Protection; Chittenden's Cowpea Weevil; Russell's Bean Thrips; Hyslop's Alfalfa Looper; Sasscer's Recently Described Coccidæ; Hunter's Boll Weevil Problem; Popenoe's Insects Injurious to Mushrooms; Quaintance's Mediterranean Fruit-fly; Sasscer's Genus Florida in the United States; Chittenden's Potato-tuber Moth; Webster's Spring Grain Aphis; Hooker, Bishopp, and Wood's Life History of some North American Ticks; Osborn's Leafhoppers Affecting Crops; Morrill and Back's Natural Control of White Flies in Florida; Marsh's Sugar-beet Webworm; Beal's Food of Flycatchers; Dill's Expedition to Laysan Island; Johnson and Hammar's Grape-berry Moth; Hunter and Pratt's Principal Cactus Insects; Casteel's Honey Bee and Pollen Collecting; various Farmers' Bulletins and Circulars:—The Department of Agriculture, United States.

- Publications of the University of California, Botany:—The University.
Occasional Papers of the Bishop Museum, parts of Vol. 5; Memoirs of the Bishop Museum, Vol. 3:—The Bishop Museum, Honolulu.
- Report of the United States National Museum for 1911; Proceedings of the U.S. National Museum, Vols. 40 and 41; Contributions to the U.S. National Herbarium, parts of Vols. 15 and 16; Various Bulletins; Publications of the U.S. Bureau of Ethnology:—The Smithsonian Institution, U.S.A.
- Minnesota Botanical Studies, Vols. 1, 2, 3; Tylden's Minnesota Algæ; Freeman's Minnesota Plant Diseases:—The University of Minnesota.
- Science Bulletin of the University of Kansas, Vol. 13, Nos. 1, 2, 3:—The University of Kansas.
- Proceedings of the Nova Scotian Institute of Science, Vol. 13:—The Institute.
- Porter and Durley's Coals of Canada, Vol. 2; Schmid's Mica; Annual Report on the Mineral Production of Canada for 1910; Archaeological Report for 1911; Riss and Keele's Clay and Shale Deposits of the Western Provinces; Park's Building and Ornamental Stones of Canada; Haanel's Utilisation of Peat Fuel; Le Roy's Geology and Ore Deposits of Phoenix; Clapp's Southern Vancouver Island; Summary Reports of the Geological Survey and Mines Department for 1911; various Reports and Bulletins:—The Geological Survey of Canada.
- Publications of the Philippine Weather Bureau for 1911-1912:—The Bureau.
- Boletim de Bosques, Pesca e Caza for 1911-1912:—The Chilian Forestry Department.
- Boletim do Observatorio Nacional, Rio de Janeiro, anno 1909:—The Observatory.
- The Museums Journal for 1912:—The Museums Association.
- Symons's Monthly Meteorological Journal for 1911:—The Editor.
- Kew Bulletin for 1911-1912; Icones Plantarum, parts of Vol. 10:—The Director, Kew.
- Guide to the Collections of the Dublin Museum of Science and Art:—The Dublin Museum.
- Report of the Solar Physics Committee for 1911; Report of the Solar Eclipse Expedition to Vavau, Tonga, in 1911:—The Solar Physics Committee.
- Westervelt's Maui the Demi-God:—The Author.
- Bailey's Dictionary:—C. A. Wilson.
- Critical Review of the Genus Eucalyptus, parts of Vol. 2:—J. H. Maiden.
- Science Abstracts, 1898-1912, 13 volumes:—Prof. F. D. Brown.
- Twelve copies of the Transactions of the N.Z. Institute, 1875-1888:—Executors of the late Mr. G. P. Pierce.

BOOKS PRESENTED BY MR. H. SHAW.

- Beatrice Grimshaw's From Fiji to the Cannibal Islands.
- J. P. Thomson's British New Guinea.
- G. W. Stow's Native Races of South Africa.
- E. Reeves' Brown Men and Women of the South Sea Islands.
- Pickering's Pioneering in Formosa.
- Bates's Naturalist on the Amazon.
- James's Unknown Horn of Africa.

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Cayley Webster's Through New Guinea.
 Mathew's Eaglehawk and Crow, a study of the Australian Aborigines.
 Brugsch Bey's Egypt Under the Pharaohs.
 Lumholtz's Unknown Mexico, 2 vols.
 Wooster's Alpine Plants, 2 vols.
 Travels of Captain John Smith of Virginia, 2 vols.
 Whitehead's Exploration of Mount Kini-balú.
 Kaete's Account of the Pelew Islands from Wilson's Journals.
 Collinridge's Discovery of Australia.
 Shaw's Visits to High Tartary, Yarkand, and Kashgar.
 Howarth's Glacial Nightmare and the Flood, 2 vols.
 White's Journal of a Voyage to N.S. Wales.
 Dittmer's Te Tohunga.
 Scherzer's Voyage of the Novara Round the World, 3 vols.
 Barth's Travels and Discoveries in North and Central Africa, 5 vols.
 Catlin's Manners and Customs of the North American Indians, 2 vols.
 Harriman's Alaska Expedition, 2 vols.
 Calvert's Exploration of Australia, 2 vols.
 Rowley's Ornithological Miscellany, 2 vols.
 Domenech's Deserts of North America, 2 vols.
 Donovan's Mero Oasis, 2 vols.
 Griffiths's Corea, the Hermit Nation.
 Kirker's Twenty-five Years in British Guiana.
 Leonard's Lower Niger and its Tribes.
 Howitt's Native Tribes of South East Australia.
 Skeat's Malay Magic.
 Lorimer Fison's Tales from Old Fiji.
 Lumholtz's Among Cannibals.
 Tennant's Literary Life and Scientific Remains.
 Goldsmid's and Blanford's Eastern Persia, 2 vols.
 Christian's Caroline Islands.
 Fitzgerald's Travels in the Coastlands of British East Africa.
 Wissman's Second Journey Through Equatorial Africa.
 Stoddard's Summer Cruising in the South Seas.
 Beatrice Grimshaw's In Strange South Seas.
 Hardinge's In Remotest Barotseland.
 Johnson's Life and Voyages of Joseph Wiggins.

BOOKS PRESENTED BY MR. F. SHAW.

Meehan's Native Flowers and Ferns of the United States, 2 vols.
 Sparman's Voyage to the Cape of Good Hope and Round the World, 2 vols.
 Phipp's Voyage Towards the North Pole.
 Curr's The Australian Race, 4 vols.
 Spence's The Land of Bolivar, 2 vols.
 Bartlett's Explorations in Texas, Mexico, California, etc., 2 vols.

- Yule's Book of Ser Marco Polo, 2 vols.
Burne's Travels into Bokhara, 3 vols.
Stonehewer Cooper's Coral Lands, 2 vols.
Hooker's Journal of Botany, 5 vols.
Atkinson's Oriental and Western Siberia.
Sturt's Two Expeditions into the Interior of Australia, 2 vols.
Life and Times of J. D. Forbes.
Gray's History of the Laws, Manners, and Customs of China, 2 vols.
Salt's Voyage to Abyssinia.
Pallas's Travels Through the Russian Empire, 2 vols.
Ward's Mexico in 1827, 2 vols.
Erasmus Darwin's The Botanical Garden, etc.
Bonwick's The Last of the Tasmanians.
F. O. Forbes's Naturalists' Wanderings in the Eastern Archipelago
De La Beche's Geological Observer.
Nisbet's Marriage and Heredity.
Dawson's Present State of Australia
Ansted's Great Stone Book of Nature.
Gosse's Omphalos.
Forster's One Primeval Language, 4 vols.
Lepsius's Discoveries in Egypt and Ethiopia.
Geoffers's Stray Leaves of Science and Folk-lore.
Keppel's Expedition to Borneo in the "Dido," 2 vols.
Bastian's Beginnings of Life, 2 vols.
Ansted's The Channel Islands.
Demidoff's Travels in Southern Russia, 2 vols.
Brett's Indian Tribes of Guiana.
Fiske's Excursions of an Evolutionist.
Gordon-Cumming's At Home in Fiji.
Geological Survey of Newfoundland.
Macdonald's Heart of Heathen Africa, 2 vols.
Condor's Heth and Moab Explorations in Syria.
Cooley's Physical Geography.
Chamber's Vestiges of the Natural History of Creation.
Morris's History of British Butterflies.
Nott and Gliddon's Types of Mankind.
Wilson's Bryologia Britannica.
Hooker and Wilson's Muscologia Britannica.
Haye's New Colorado and the Santa Fé Trail.
De Chaillu's Explorations in Equatorial Africa.
Valdez's Six Years in Western Africa, 2 vols.
McCausland's Adam and the Adamite.
Cunningham's Two Years in New South Wales, 2 vols.
Ross's Pyrology or Fire Chemistry.
Portlock's Voyage Round the World.

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Piazza Smyth's Teneriffe, an Astronomical Experiment.
Drummond's Tropical Africa.
Hazard's Santo Domingo, Past and Present.
Max Muller's Lectures on the Science of Language, 2 vols.
Smith's Chaldean Account of Genesis.
The Last Journals of David Livingstone, 2 vols.
Sir G. Staunton's Embassy to the Court of China, 3 vols.
Barrow's Travels Into the Interior of Africa, 2 vols.
Life and Correspondence of Louis Agassiz, 2 vols.
Agassiz's Structure of Animal Life.
Lyon's Attempt to reach Repulse Bay.
Krefft's Mammals of Australia.
Reports of Explorations and Surveys for Railways from the Mississippi River to the Pacific Ocean, 13 vols, 4to.
De Long's Voyage of the "Jeanette" to the Arctic Regions.

BOOKS PURCHASED.

Smiles's Relations Between Chemical Constitution and Physical Properties.
Clark's Care of Books.
Hobb's Characteristics of Existing Glaciers.
Seligman's The Income Tax.
Whetham's Heredity and Society.
Frazer's Golden Bough, part 5, 2 vols.
Bowman's Forest Physiography.
Rohland's Colloidal and Crystalloidal State of Matter.
Yule's Introduction to the Theory of Statistics.
Rossignol and Stewart's State Socialism in New Zealand.
Tansley's Types of British Vegetation.
Reports of Scottish Antarctic Expedition, vol. 3, Botany.
Love's Some Problems of Geodynamics.
Castell-Evans's Physico-Chemical Tables, vol. 2.
Lord Avebury's Contributions to our Knowledge of Seedlings, 2 vols.
James's Principles of Psychology, 2 vols.
Skottsberg's Wilds of Patagonia.
Irving Fisher's Purchasing Power of Money.
Sollas's Ancient Hunters and Their Modern Representatives.
Max Herz's New Zealand, the Country and the People.
Mercier's A New Logic.
Spencer and Gillen's Across Australia, 2 vols.
Cohen's Organic Chemistry.
Levy's Large and Small Holdings.
Coulter and Chamberlin's Morphology of Gymnosperms.
Lord Kelvin's Mathematical and Physical Papers, vols. 4, 5, 6.
Ridley's Spices.
Dendy's Evolutionary Biology.
Shaw's Forecasting the Weather.

- Holmes's Evolution of Animal Intelligence.
Trotter's Illumination, Its Distribution and Measurement.
Fay's Chemistry of the Coal-tar Dyes.
Bosanquet's Principles of Individuality and Value.
Pearson's Hepaticæ of the British Isles, 2 vols.
Markham's Incas of Peru.
Scholefield's New Zealand in Evolution.
Adamson's Development of Modern Philosophy.
McDougal's Introduction to Social Psychology.
Bergson's Laughter.
Stewart's Critical Exposition of Bergson's Philosophy.
Edward's Panama, the Canal, the Country, and the People.
Wildemann's and Durand's Prodrome de la Flore Belge, 3 vols.
Fisher's Nature of Capital and Income.
Butler's Philosophy.
Boutroux's William James.
Adamson's Short History of Logic.
Hirst's Argentina.
Castle and Davenport's Eugenics and Heredity.
Ellstaeter's Indian Silver Currency.
Seidell's Solubilities.
Murray's Depths of the Ocean.
Ferguson's Elements of Electrical Transmission.
Boas's Mind of Primitive Man.
Thayer's Concealing Colouration in the Animal Kingdom
Thompson's Treatise on Light.
Moore's Laws of Wages.
Townsend's Ionisation of Gases by Collision.
Jones's Idealism as a Practical Creed.
Pigou's Wealth and Welfare.
Smart's Distribution of Income.
Bragg's Studies in Radio-activity.
Howard's The House Fly as a Disease-carrier.
Jevon's Theory of Political Economy.
Davenport's Heredity in Relation to Eugenics.
Spencer's The World's Minerals.
Wilson's Electrical Properties of Flames.
Forsyth's English Philosophy.
James's Essays in Radical Empiricism.
Erikson's Fungoid Diseases of Agricultural Plants.
Tuckett's Evidence for the Supernatural.
Hall's Feeding of Crops and Stock.
Ostwald's Natural Philosophy, new edition.
Boutroux's Historical Studies in Philosophy.
Pearson's Grammar of Science, part 1.

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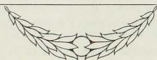
Hobhouse's *Morals in Evolution*, 2 vols.
 Morse's *Storage Batteries*.
 Chree's *Studies in Terrestrial Magnetism*.
 British Museum Catalogue of *Chiroptera*, vol. 1.
 D'Ollone's *In Forbidden China*.
 Brown's *Principles of Modern Legislation*.
 Weir's *Energy System of Matter*.
 Fabre's *Social Life in the Insect World*.
 Russell's *Soil Conditions and Plant Growth*.
 Guppy's *Studies in Seeds and Fruits*.
 Timiriazeff's *Life of the Plant*.
 Knoop's *Municipal Trading*.
 Knipe's *Evolution in the Past*.
 Abbott's *The Sun*.
 Thorpe's *Dictionary of Applied Chemistry*, vols. 1 to 3, new edition.
 British Museum *History of Collections in the Natural History Department*,
 vol 2, appendix.
 Hose and Macdougall's *Pagan Tribes of Borneo*, 2 vols.
 Cunningham Craig's *Oil Finding*.
 Turner's *Astronomical Discovery*.
 Collected Researches of the National Physical Laboratory, vols. 2 and 3.
 Results of the Voyage of the "*Scotia*," vol. 3, *Zoology*.
 Muschler's *Manual Flora of Egypt*, 2 vols.

Skins of Rhesus Monkey and Rat Kangaroo; skins of young Lion, Leopard,
 and Himalayan Bear; skin of young Emu:—Received from the Onehunga
 Zoo, per the proprietor, Mr. Boyd.
 Skin of adult Cassowary:—Mr. Vivian.
 230 Birds' Eggs, English and New Zealand:—Mr. H. C. Clark.
 Skin of *Eudynamis taitensis*:—C. Greensmith.
 Skin of *Podiceps rufipectus*:—E. Shaw.
Puffinus sp.:—F. Woods.
 Egg of Kokako:—A. Wilson.
 Collection of bird-skins from Norfolk Island:—Purchased from Mr. Quintal.
 8-legged Kitten:—F. Woods.
 3-legged Duck:—R. Dando.
 Two eggs of Swamp-Hawk (*Circus Gouldi*):—E. E. Vaile.
 Black Rat:—W. S. Allardyce.
 Skin of *Eudyptula minor*:—A. Brown.
 Tibia of Moa (*Dinornis robustus*):—P. Bridge.
 Lamprey caught at Papatoitoti:—G. Potter.
 Lamprey caught at Papakura:—Miss Sheppard.
 Two specimens of *Girella cyanea*, caught at Cape Brett.
 Large Mako Shark; two Smooth-hounds:—Mr. Wadsworth.

- Hammerhead Shark:—Captain Moorhouse.
Thresher Shark (damaged):—F. F. Wagener.
Pipe-fish:—F. Wingrave; G. Seager.
Solenognathus spinosissimus:—J. Prescott.
Sunfish stranded at Parua Bay (portion of skeleton only):—R. Hogwood.
Nautilinus punctatus:—Wrigley.
Nautilinus punctatus:—Miss N. Walker.
Nautilinus elegans:—J. Baker.
Nautilinus elegans:—W. Millar.
Chameleon from Stanley Pool, Upper Congo:—J. Steel.
Gordius sp.:—Evan Richards.
Eggs of *Paryphanta Busbyi*:—F. E. Bridge.
Numerous specimens of *Haliotis iris*:—H. Haines.
Heterostoma platycephala:—J. C. Dove.
Series of specimens of *Pinna zealandica*:—R. A. Johnston.
Insects and land-shells from Pukekohe:—J. Attwood.
Topaz crystal from Stanthorpe, Queensland:—H. Bakewell.
Fossil Corals from Charleston:—D'Arcy Irvine.
Scheelite from Macrae's, Otago:—W. S. Penberthy; C. Gifford Moore.
Bitumen from Pioi, near Awakino:—F. Iredale.
Hessite (Telluride of Silver) from Maritoto:—R. P. Creaghe.
Volcanic dust from the summit of Ngauruhoe:—G. A. Walker.
Fossils from Waikoku Creek, near Whitford:—J. B. Broomfield.
Rock Specimens from White Island:—W. R. B. Oliver.
Specimens of timber found in drift near Horahora, far below the present level of the Waikato:—Mr. Roche.
Small Net or Hinaki, found in a swamp near Lake Whangape:—A. Bregman.
Greenstone Chisel found at Waiete, Taranaki; Greenstone Ear-pendant found on the summit of One-tree Hill; Stone Axes and Stone Hammers, etc., found on the Waihi Beach:—H. B. Devereux.
Hoeroa (broken); Canoe Paddle; Box for mixing Kokowai; old Cutlass and Bayonet, all found at Otoro, Whangaroa:—S. L. Clark.
Carved Stone, found in the Ohuru Valley:—H. G. Seerup.
Two Wooden Net-floats; Fish-hook with kiwi feather attached; 4 Stone Axes; base of Carved Walking-stick; Koronae, or woven band for retaining food in a hangi; ordinary Kit; 6 Canoe Paddles, showing differences of shape in the handles; various other articles:—G. Graham.
Onewa Mere of unusually slender shape, found at Te Raumoku:—B. Roberts.
Small Carved Representation of a Human Figure:—Mrs. Hanby.
Ordinary Ko, or spade, found in a swamp at Mangawai; Step of Ko:—W. Wintle.
Broken Ko, or spade, furnished with solid steps, found in a drain at Mangawai:—Deposited by Mr. Wharfe.
Antique Greenstone Needle or Ear-pendant; Kumara Spade; Fern-pounder, all found near Aratapu:—Mr. Alfred Webb.
Large Stone Axe; Stone Flax-beater:—H. E. Vaile.

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- Figure-head and Stern-post from a large War-canoe known at Te Atairehia, owned by the first Maori "King" Potatau, and used by him prior to the Waikato War, for many years hauled up at Te Whatiwhatihoe, on the Upper Waipa. Also a Carved Figure erected on the grave of Tawhai's eldest son, buried at Whatiwhatihoe:—Mr. Berry, per Rev. F. W. Clarke.
- Plaster Casts of two large Rock Carvings from Taranaki:—Exchange from the Dominion Museum.
- Important Collection of 61 Ethnographical Specimens (including 8 from the Pacific Islands):—Deposited by Mr. Arthur Eady.
- Remarkably fine Hei-tiki, with the original cord attached; elaborately carved Wooden Flute; Ancient Waha-ika Mere of whale's bone; Fish-hook with elaborately carved wooden haft:—Purchased.
- Unusually large Greenstone Matau; elaborately carved Coffin; carved Box for holding a skull; Greenstone Hook; Greenstone Manaia; Greenstone Peka-peka; three Greenstone Ear-pendants; two Greenstone Ear-pendants with curved ends; Greenstone Cloak-pin; grotesque Human Figure in greenstone; large Stone Anchor for a Canoe; large Steer-paddle:—Purchased.
- Greenstone Matau with bone toggle; Greenstone Ear-pendant:—Purchased.
- Extensive series of Ethnographical Specimens from Northern Queensland:—Purchased from Mr. Clement Wragge.
- Fifteen Ethnographical Articles from the Upper Congo:—Deposited by Mr. Joseph Steel.
- Figure-head of Solomon Island Canoe:—Mrs. Porter.
- Malayan Kris:—G. W. Wilton.
- Walking-stick Gun:—J. G. T. Turner.
- Victoria Cross and N.Z. Medal formerly belonging to Ensign McKenna, of the 65th Regiment, and awarded to him for conspicuous bravery in attempting to save Captain Swift, who was mortally wounded at Cameron Town on September 7, 1863.



List of Members

For the Year ending March 31st, 1913,
with Postal Addresses.

[Life Members distinguished thus *.]

- | | |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Abel, R. S., C/o. Abel, Dykes and Co.,
Shortland Street, Auckland | Benjamin, E. D., C/o. L. D. Nathan and
Co., Shortland Street, Auckland |
| Abbott, R. H., Elliott Street, Auckland | Benjamin, L., C/o. Hayman and Co.,
Custom Street, Auckland |
| Adams, L., Lake Takapuna | Biss, N. L. H., Shortland Street, Auckland |
| Aickin, G., Queen Street, Auckland | Blomfield, W., "Observer" Office, Wyndham
Street, Auckland |
| Aldis, M., C/o. Kirk and Neumegen,
Opotiki | Bloomfield, J. L. N. R., St. Stephen's
Avenue, Parnell |
| Alexander, L. W., P.O. Box 816, Auckland | Bloomfield, W. R., Owen's Road, Mt.
Eden |
| Alison, A., Devonport Ferry Co., Auckland | Bond, Elon, C/o. Bond Bros., Commerce
Street, Auckland |
| Alison, E. W., Devonport Ferry Co.,
Auckland | Bond, Erni, C/o. Bond Bros., Commerce
Street, Auckland |
| Allen, John, Cheltenham, Devonport | Bradley, Samuel, Onehunga |
| Andrews, L. W. D., Union Insurance
Co., Fort Street, Auckland | Brett, H., "Star" Office, Shortland St.,
Auckland |
| Arey, W. E., Victoria Arcade, Auckland | Briffault, R., M.B., Mt. Eden Road,
Auckland |
| Ardern, P. S., Remuera | Brooke-Smith, E., Manukau Road, Parnell |
| Armitage, Hobson's Buildings, Shortland
Street, Auckland | Broun, Major, T., F.E.S., Mount Albert,
Auckland |
| Arnold, C., Swanson Street, Auckland | Brown, Alan, C/o. Bamford and Brown,
Queen Street, Auckland |
| Arnoldson, L., Quay Street, Auckland | Brown, E. A., Swanson Street, Auckland |
| | Brown, Professor F. D., University College,
Auckland |
| Bagley, C., Onehunga | Brown, John, C/o. A. R. Morrison, Palmerston
Buildings, Queen Street |
| Bagnall, L. J., O'Rorke Street, Auckland | Bruce, W. W., Swanson Street, Auckland |
| Baker, G. H., Commerce Street, Auckland | *Buchanan, A., Victoria Avenue, Remuera |
| Baker, W. Ward., C/o. S. Vaile and
Sons, Queen Street, Auckland | Buddle, C. F., Wyndham Street, Auckland |
| Ball, W. T., Mount Eden, Auckland | Buddle, T., Wyndham Street, Auckland |
| Bamford, H. D., LL.D., Bank of N.Z.
Buildings, Auckland | Burgess, E. W., Harbour Board Office,
Auckland |
| Bankart, A. S., C/o. Campbell and
Ehrenfried Co., Queen Street, Auckland | Burns, R., Custom Street East, Auckland |
| Bartley, E., Royal Insurance Buildings,
Queen Street, Auckland | Burnside, W., Education Office, Auckland |
| Bassett, T., Onehunga | Burt, A., Jun., C/o. A. and T. Burt and
Co., Custom Street West, Auckland |
| *Bates, T. L., Brookfield, Alfred Street,
Waratah, Newcastle, N.S.W. | |
| Batger, J., Mt. Eden Road, Auckland | |
| Bell, T., C/o. Union Oil, Soap, and
Candle Co., Albert Street, Auckland | |

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- *Burton, Col., The Grove, Branksome Park, Bournemouth, England
 Bush, W. E., City Engineer's Office, Town Hall, Auckland
 Butler, Miss, Girl's Grammar School, Auckland
 Buttle, J., New Zealand Insurance Co., Queen Street, Auckland
- Cameron, R., Bella Vista Road, Ponsonby, Auckland
 Campbell, J. P. C/o. Russell and Campbell, Wyndham Street, Auckland
 Casey, Maurice, Hamilton Road, Ponsonby
 Cheal, P. E., Upper Queen Street, Auckland
 Cheeseman, T. F., Museum, Auckland
 Choyce, H. C., Remuera Road, Auckland
 Clark, A., Wellesley Street, Auckland
 Clark, A., M.B., Ellerslie
 Clark, A. W., C/o. P. Hansen and Co., Queen Street, Auckland
 Clark, H. C., C/o. A. Clark and Sons, Wellington
 Clark, M. A., Wellesley Street, Auckland
 Clarke, E. de C., Perth, West Australia
 Clarke, W. St. John, Electric Tram Co., Auckland
 Clay, T. B., His Majesty's Arcade, Queen Street, Auckland
 Clifford, J. M., P.O. Box 756, Auckland
 Coates, T., Orakei
 Cochrane, W. S., Diocesan Office, Shortland Street, Auckland
 Coe, James, Mt. Eden Road, Auckland
 Coie, Rev. R. H., Walford, Gladstone Road, Parnell
 Cole, W., Mt. Eden Road, Auckland
 Coleman, J. W., Lower Queen Street, Auckland
 Coleman, W., Queen Street, Auckland
 Commons, W. M., Wilson's Portland Cement Co., Shortland St., Auckland
 Combes, F. H., Victoria Avenue, Remuera
 Cooper, C., Bourne Street, Mt. Eden
 Cooper, Mr. Justice, Judges' Chambers, Wellington
 Cory-Wright, S., University College, Auckland
 Cotter, T. K.C., Fort Street, Auckland
 Cottrell, A. J., Training College, Wellesley Street, Auckland
 Cousins, H. G., Normal School, Wellesley Street, Auckland
- Court, G., Karangahape Road, Auckland
 Court, J., Ponsonby, Auckland
 Craig, J. J., Queen Street, Auckland
 Cranwell, R., Crescent Road, Parnell
 Crosher, W., Devonport
 Crossley, Rt. Rev. Lloyd, Bishop of Auckland, Parnell
 Cuff, J. C., F.S.A., Emerald Hill, Epsom, Auckland
 Currie, J. G., C/o. J. Currie, Architect, Queen Street, Auckland
- Davis, Elliot R., Hancock and Co., Custom St. East, Auckland
 Davis, Ernest, C/o. Hancock and Co., Custom St. East, Auckland
 Dearsley, H., P.O., Box 466, Auckland
 De Clive Lowe, G. T. H., L.R.C.P., Symonds Street, Auckland
 Dempsey, J., Newmarket
 Dennin, John, C/o. Hon. E. Mitchelson, Waimauku
 Dettman, Professor H. S., University College, Auckland
 Devereux, H. B., Waihi
 Devore, A. E. T., Wyndham Street, Auckland
 Dickenson, J. C., Public School, Ponsonby
 Douglas, W. S., "Herald" Office, Auckland
 Dove, J. C., Australian Hardwood Co., Mechanics' Bay, Auckland
 Downard, F. N. R., Public School, Pahi, Kaipara
 Duthie, D. W., National Bank of N.Z., Queen Street, Auckland
 Dunnet, G., Rocklands, Epsom
- Earl, F., Swanson Street, Auckland
 Edson, J., Queen Street, Auckland
 Egerton, Prof. C. W., University College, Auckland
 Ellingham, W. R., Custom Street East, Auckland
 Elliott, G., Bank N.Z. Buildings, Queen Street, Auckland
 Ellis, J. W., Hamilton, Waikato
 Ellison, T., East Tamaki
 Endean, J., Jermyn Street, Auckland
 Entrican, A. J., Custom Street East, Auckland
 Ewington, F. G., Durham Street, Auckland

Fairclough, Dr. W. A., Watson's Buildings, Queen Street, Auckland
 Farrell, R., Anglesea Street, Auckland
 Favell, Rev. H. A., Picton Street, Auckland
 Fenwick, Dr. G., Premier Buildings, Queen Street, Auckland
 Finch, F., Harbour Board Offices, Auckland
 Finlayson, T., C/o. Sargood and Sons, Victoria Street, Auckland
 Fleming, J., 142 Grafton Road, Auckland
 Florance, R. S., Napier
 *Fowlds, Hon. G., Queen Street, Auckland
 Frater, J. W., C/o. R. Frater, Stock Exchange, Auckland
 Garrard, C. W., M.A., Education Offices, Auckland
 George, G., Technical College, Wellesley Street, Auckland
 George, Hon. S. T., St. Stephen's Avenue, Parnell
 Gerard, G., Custom Street East, Auckland
 Gilbert, T., Manukau Road, Parnell
 Gilfillan, H., St. Stephen's Avenue, Parnell
 Girdler, Dr., Khyber Pass Road, Auckland
 Gleeson, J. C., Selwyn Lodge, Parnell
 Gleeson, P., Selwyn Lodge, Parnell
 Goldie, D., Breakwater Road, Auckland
 Gordon, H. A., Ranfurly Road, Epsom
 Gorrie, H. T., A. Buckland and Sons, Albert Street, Auckland
 Gould, A. M., C/o. Parr and Blomfield, Shortland Street, Auckland
 Graham, G., Tudor Street, Devonport
 Graham, J. B., Tudor Street, Devonport
 Grant, Miss J., M.A., Devonport
 *Gray, Andrew, Smeeton's Bldgs., Queen Street, Auckland
 Gray, M. D., Mt. Eden Road, Auckland
 Gray, S., Mt. Eden Borough Offices, Auckland
 Gribbin, G., Nicholson and Gribbin, Queen Street, Auckland
 Guinness, Dr. W., Devonport
 Gunson, J. H., Custom Street West, Auckland
 Gunson, R. W., Custom Street West, Auckland

Haddow, J. G., Wyndham Street, Auckland
 Haines, H., F.R.C.S., Shortland Street, Auckland
 Hall, Edwin, Carlton Street, Hillsborough, Onehunga
 Hall, J. W., Victoria Avenue, Remuera
 Hall, R., Remuera
 Hamer, W. H., C.E., Harbour Board Office, Auckland
 Hanna, A., Queen Street, Auckland
 Hansard, G. A., Shortland Street, Auckland
 Hansen, P. M., Queen Street, Auckland
 Hardie, J. C., Hardie Bros., Queen St., Auckland
 Harding, A. B., Te Papapa, Onehunga
 Harding, A. E., Maungawhare, Northern Wairoa
 Harrop, W. P., Shortland Street, Auckland
 Harvey, W. A., C/o. Jagger and Harvey, Lower Queen Street, Auckland
 Hawkins, Rev. Archdeacon H. A., Remuera
 Hay, Douglas, Exchange Lane, Queen Street, Auckland
 Hay, D. A., Montpellier Nurseries, Remuera
 Hazard, W. H., Queen Street, Auckland
 Heaton, F., Grammar School, Auckland
 Heath, H. W., Alfred Street, Auckland
 Heather, H. D., Custom Street West, Auckland
 Herbert, T., Shortland Street, Auckland
 Hesketh, H. R., Wyndham Street, Auckland
 Hesketh, S., Wyndham Street, Auckland
 Hodgson, J., Victoria St. East, Auckland
 Holderness, D., Harbour Board Offices, Auckland
 Holgate, Col., C/o. Northern Coal Co., Custom Street, Auckland
 Horton, E., "Herald" Offices, Queen Street, Auckland
 Horton, H., "Herald" Offices, Queen Street, Auckland
 Houghton, C. V., Quay Street, Auckland
 Hull, F., Stock Exchange, Queen Street, Auckland
 Hutchinson, G. R., C/o. Hutchinson Bros., Custom Street W., Auckland
 Hutchinson, W. E., Hobson Street, Auckland

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- Inglis, Dr. R. T., Maroonah, Ponsonby Road, Auckland
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- Jagger, A. T., C/o. Jagger and Harvey, Lower Queen Street, Auckland
- Jagger, Frank, Arney Road, Remuera
- James, J. W., Mt. Albert
- Johnson, H. Dunbar, Mangauhenga, Te Aroha
- Johnstone, Hallyburton, Howick
- Jones, H. W., Public School, Papakura
- Keesing, H. A., Portland Road, Remuera
- Kenderdine, J., Sale Street, Auckland
- Kent, B., Gladstone Road, Parnell
- Kent, G. S., St. Stephen's Avenue, Parnell
- Keyes, A., Birkenhead
- Kronfeld, G., Custom Street, Auckland
- Lamb, S. E., B.Sc., University College, Auckland
- Lamb, R. S., 55 Pitt Street, Sydney, New South Wales
- Lang, W. F., M.P., Onehunga
- Langguth, E., Custom Street West, Auckland
- Lennox, J. M., Remuera
- *Lennox, N. G., C/o. Auckland Institute, Auckland
- Lewis, Dr. T. H., Remuera
- Leyland, W. B., C/o. Leyland and O'Brien, Custom St. West, Auckland
- Leys, Cecil, "Star" Office, Shortland Street, Auckland
- Leys, T. W., "Star" Office, Shortland Street, Auckland
- Lindsay, Dr. P. A., O'Rorke Street, Auckland
- Lloyd, Trevor, "Herald" Office, Queen Street, Auckland
- Lunn, A. G., C/o. Collins Bros., Wyndham Street, Auckland
- Macfarlane, T., C.E., Auckland
- Maclean, M., Otira, Canterbury
- *Macmillan, C. C., C/o. Gibson Macmillan, Waingaro
- Mahoney, E., Shortland Street, Auckland
- Mahoney, T., Swanson Street, Auckland
- Mair, Capt. G., Rotorua
- Mair, S. A. R., Hunterville, Wellington
- Major, C. T., King's College, Remuera
- Makgill, Dr. R. H., Public Health Office, Auckland
- Marchesini, Dr. G., Princes Street, Auckland
- Marriner, H. A., N.Z. Insurance Co., Queen Street, Auckland
- Martin, J., Victoria Arcade, Queen St., Auckland
- Mennie, J. M., Albert Street, Auckland
- Metcalfe, H. H., C.E., Palmerston Bldgs., Queen Street, Auckland
- McDowell, Dr. W. C., Remuera
- McGregor, W. G., Shortland Street, Auckland
- McKenzie, Capt. G., Devonport
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- McVeagh, R., C/o. Russell and Campbell, Wyndham Street, Auckland
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- Milnes, H. A. E., Training College, Wellesley Street, Auckland
- Milroy, S., Kauri Timber Co., Auckland
- Milsom, Dr. E. H. B., 18 Waterloo Quadrant, Auckland
- Mitchelson, Hon. E., Remuera
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- Moore, J. E., Esplanade Road, Mt. Eden
- Morgan, A. H. V., School of Mines, Waihi
- Morgan, H. H., University College, Auckland
- Morgan, R. J., Shoal Bay Road, Devonport
- Morrison, W. B. A., Hobson Buildings, Shortland Street, Auckland
- Morrison, A. R., Palmerston Buildings, Queen Street, Auckland
- Morton, E., Custom St. East, Auckland
- Morton, H. B., One-tree Hill, Epsom
- Moss, E. G. B., Swanson Street, Auckland
- Mowlem, A. M., Shortland Street, Auckland
- Mulgan, E. K., Education Offices, Auckland
- Myers, A. M., M.P., Campbell, Ehrenfried Co., Queen Street, Auckland
- Myers, Leo, Campbell, Ehrenfried Co., Queen Street, Auckland
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Newton, G. M., 102 Victoria Arcade, Queen Street, Auckland
Nichol, J. W., 205 Victoria Arcade, Queen Street, Auckland
Nicholson, O., C/o. Nicholson and Gribbin, Queen Street, Auckland
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Oliphant, P., 24 Symonds Street, Auckland
Oliver, W. R. B., H.M. Customs, Auckland
Osmond, G. B., Phoenix Chambers, Queen Street, Auckland

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Parker, W. J., Arney Road, Remuera
Parr, C. J., Parr and Blomfield, Shortland Street, Auckland
Partridge, H. E., Queen Street, Auckland
Patterson, G. W. S., Shortland Street, Auckland
Peacock, T., Queen Street, Auckland
Peak, A., C/o. Walker and Peak, Wyndham Street, Auckland
Petrie, D., Rosemead, Epsom
Philson, W. W., Colonial Sugar Co., Auckland
Player, Dr. C. E., Birkenhead, Auckland
Pond, J. A., F.C.S., Queen Street, Auckland
Porter, A., Porter and Co., Queen Street, Auckland
Porter, Dr. A. H., Dominion Road, Mt. Eden
Pountney, W. H., Commerce Street, Auckland
Powell, F. E., C.E., Harbour Board Offices, Auckland
Price, E. A., Buchanan and Co., Albert Street, Auckland
Purchas, Dr. A. C., Carlton Gore Road, Auckland
Pycroft, A. T., Railway Offices, Auckland

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Rawnsley, S., Quay Street, Auckland
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Rhodes, C., Waihi Gold Mining Co., Shortland Street, Auckland
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Robertson, A. B., Custom Street West, Auckland
Robertson, Dr. E., Market Road, Remuera
Robertson, J., Quay Street, Auckland
Roche, H., Horahora, near Cambridge, Waikato
Rolfe, W., Sharland and Co., Lorne St., Auckland
Rollett, F. C., "Herald" Office, Queen Street, Auckland
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Rotherham, F., C/o. Abel, Dykes and Co., Shortland Street, Auckland

Satchell, W., Church Street, Northcote
Savage, Dr. T. C., Princes Street, Auckland
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Seegner, C., Bank of N.Z. Buildings, Queen Street, Auckland
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Shaw, F., Vermont Street, Ponsonby
Shaw, H., Vermont Street, Auckland
Shepherd, H. M., Birkenhead
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Simson, T., Mt. St. John Avenue, Epsom
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Skelton, Hall, Watson's Buildings, Queen Street, Auckland
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Smeeton, H. M., Binswood, View Road, Mt. Eden
Smith, Capt. James, Franklin Road, Auckland
Smith, H. G. Seth, Victoria Avenue, Remuera
*Smith, S. Percy, F.R.G.S., New Plymouth
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Somerville, Dr. J., Alfred Street, Auckland
Somerville, J. M., Chelsea, Auckland

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 Spencer, W. C. C., Grafton Rd., Auckland
 Spragg, Wesley, Mount Albert
 Stewart, James, C/o. Stewart Bros., Helensville
 Stewart, James, C.E., Tuarangi, Owen's Road, Epsom
 Stewart, J. W., Wyndham Street, Auckland
 Stewart, John A., Kainga-tonu, Ranfurly Road, Epsom
 Stewart, R. Leslie, C/o. Brown and Stewart, Swanson Street, Auckland
 Stewart, W. F., Auckland Gas Coy., Wyndham Street, Auckland
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 Swan, H. C., Henderson
 Swanson, W., Church Street, Devonport
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 Thornes, J., Queen Street, Auckland
 Tibbs, J. W., Grammar School, Auckland
 *Tinne, H., Union Club, Trafalgar Square, London
 Tole, Hon. J. A., Queen Street, Auckland
 Trotter, Rev. W., Manukau Road, Epsom
 Trounson, J., Northcote
 Tunks, C. J., C/o. Jackson and Russell, Shortland Street, Auckland
- Upton, J. H., Queen Street, Auckland
 Urquhart, A. T. Karaka, Drury
- Vaile, E. E., Broadlands, Waitapu
 Vaile, H. E., Queen Street, Auckland
- Wade, H. L., Victoria Arcade, Queen Street, Auckland
 Walker, Rev. F. W., Ellerslie
 Walker, Prof. Maxwell, University College, Auckland
 Walker, S., Devonport
 Walker, W. R., Stock Exchange, Queen Street, Auckland
 Walklate, J. J., Electric Tramways Co., Auckland
 Wallace, T. F., Waihi G.M. Co., Shortland Street, Auckland
 Walsh, Rev. Archdeacon P., Cambridge, Waikato
 Walters, J. H., Onslow Road, Rocky Nook, Auckland
- Ward, Percy Croydon, Mountain Road, Remuera
 Ware, W., Portland Road, Remuera
 Waterworth, A., N.Z. Photo. Goods Co., Queen Street, Auckland
 Watson, Rev. C. A. B., St. Paul's Vicarage, Auckland
 Webbe, W. H., Berlin Piano Co., Queen Street, Auckland
 Webster, J. D., Lower Queen Street, Auckland
 Wells, T. U., Westbourne Road, Remuera
 White, R. W., Wellington Street, Auckland
 Whitley, W. S., Albert Street, Auckland
 Williams, Rt. Rev. W. L., D.D., Napier
 Wilson, Albert, St. Stephen's School, Parnell
 Wilson, A. P., Victoria Arcade, Queen Street, Auckland
 Wilson, F. W., "Herald" Buildings, Queen Street, Auckland
 Wilson, H. Munro, C.E., Palmerston Buildings, Queen Street, Auckland
 Wilson, John, Portland Cement Co., Shortland Street, Auckland
 Wilson, J. M., Beach Road, Remuera
 Wilson, Liston, Mountain Road, Remuera
 Wilson, Martin, Rozelle, Lower Remuera
 Wilson, R. M., Russell Road, Remuera
 Wilson, W. R., "Herald" Offices, Queen Street, Auckland
 Winkelmann, H., Victoria Arcade, Queen Street, Auckland
 Winstone, F. B., Custom Street, Auckland
 Winstone, G., Custom Street, Auckland
 Wiseman, A., Hobson's Buildings, Shortland Street, Auckland
 Wiseman, J. W., Albert Street, Auckland
 *Withy, E., C/o. Public Trustee, Auckland
 Woodward, W. E., Union Bank of Australia, Queen Street, Auckland
 Woolcott, A. C., South British Insurance Co., Queen Street, Auckland
 Wright, R., C/o. A. B. Wright and Co., Commerce Street, Auckland
 Wrigley, F. J., C/o. Wingate and Co., Queen Street, Auckland
 Wylie, A., C.E., Municipal Buildings, Auckland
- Yates, E., Albert Street, Auckland
 Young, J. L., C/o. Henderson and Macfarlane, Custom Street, Auckland
 Young, Capt. C. A., G.P.O., Auckland

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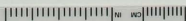
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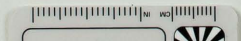
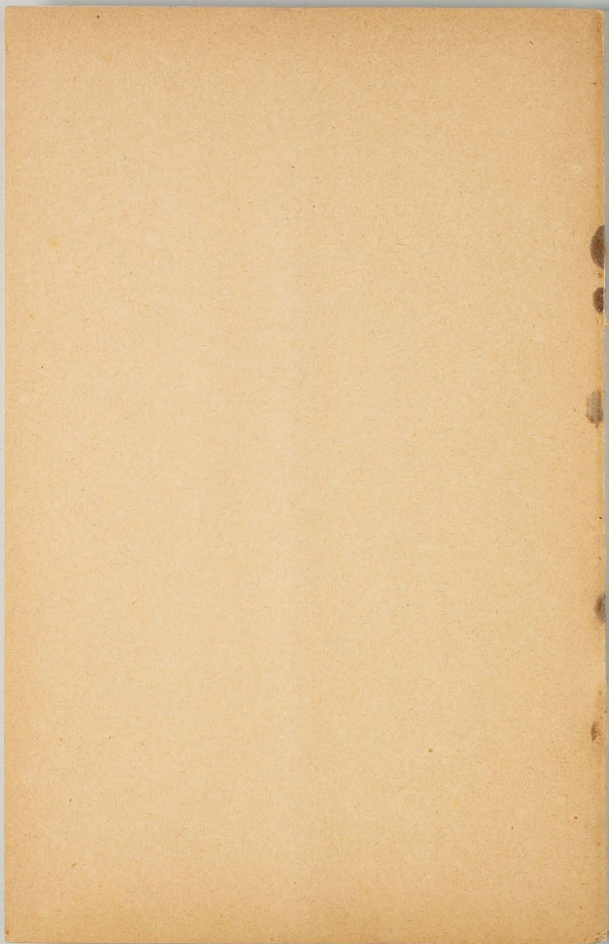
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